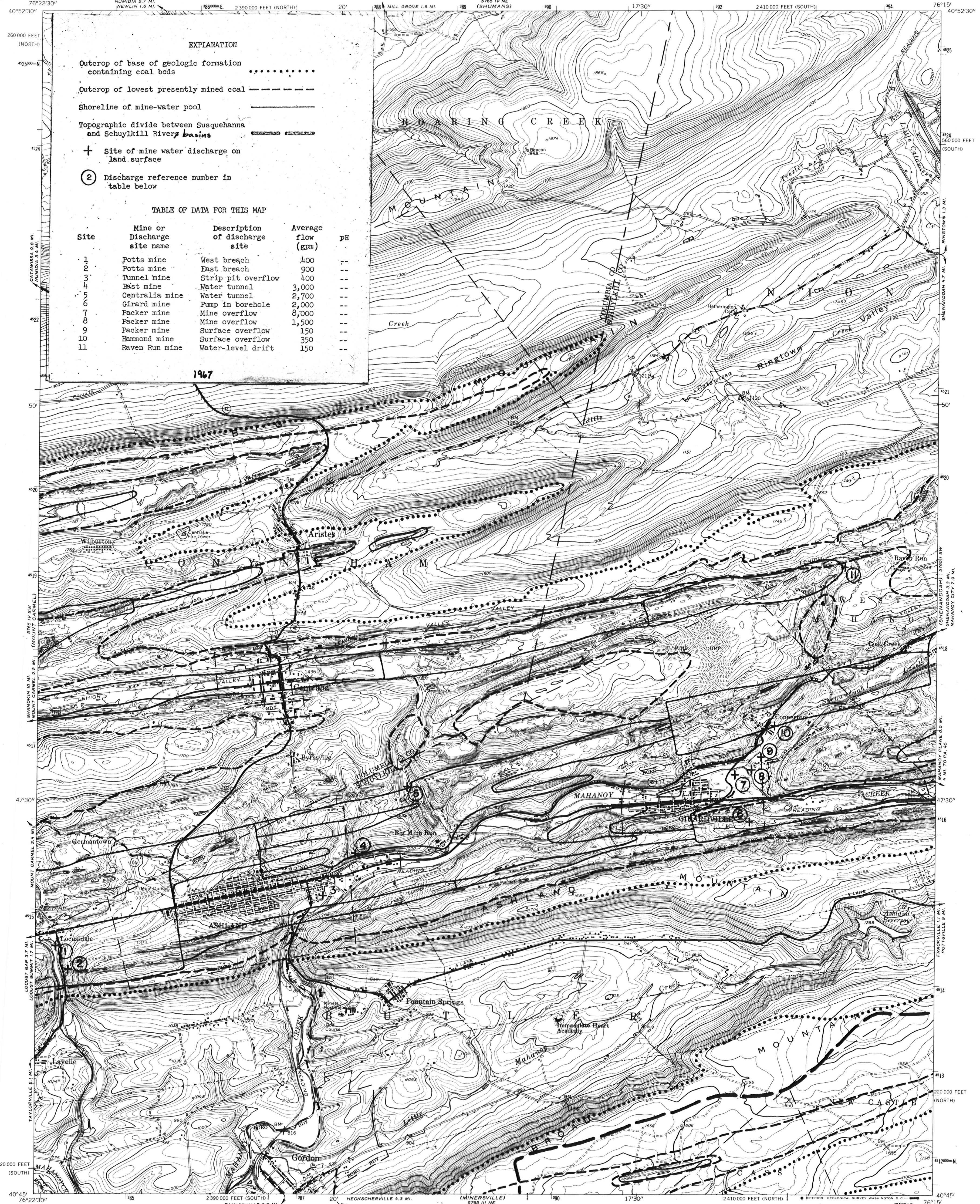




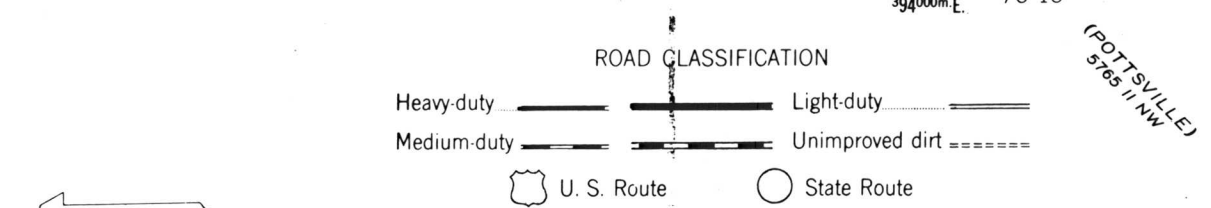
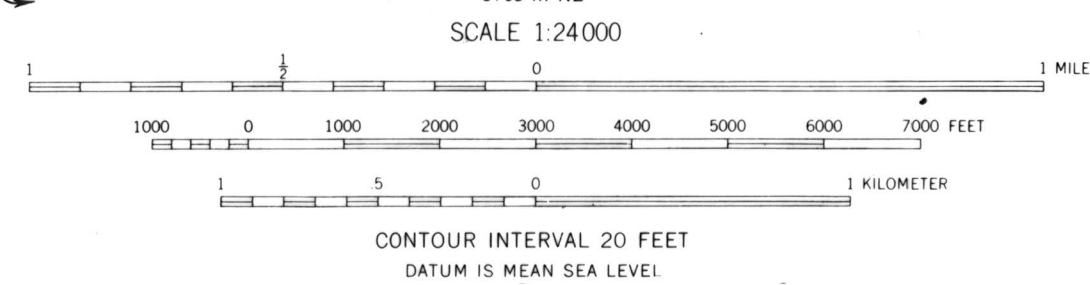
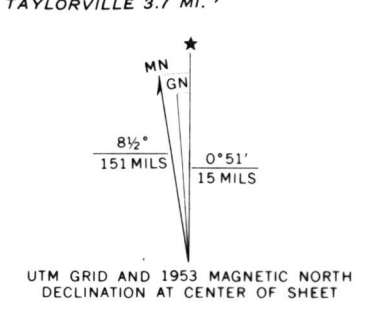
- EXPLANATION**
- Outcrop of base of geologic formation containing coal beds
 - Outcrop of lowest presently mined coal
 - Shoreline of mine-water pool
 - Topographic divide between Susquehanna and Schuylkill River basins
 - Site of mine water discharge on land surface
 - Discharge reference number in table below

TABLE OF DATA FOR THIS MAP

Site	Mine or Discharge site name	Description of discharge site	Average flow (gpm)	pH
1	Potts mine	West breach	400	--
2	Potts mine	East breach	900	--
3	Tunnel mine	Strip pit overflow	400	--
4	East mine	Water tunnel	3,000	--
5	Centralla mine	Water tunnel	2,700	--
6	Girard mine	Pump in borehole	2,000	--
7	Packer mine	Mine overflow	8,000	--
8	Packer mine	Mine overflow	1,500	--
9	Packer mine	Surface overflow	150	--
10	Hammond mine	Surface overflow	350	--
11	Raven Run mine	Water-level drift	150	--

1967

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1953
Polyconic projection. 1927 North American datum
10,000-foot grids based on Pennsylvania coordinate system,
south and north zones
Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20542
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ASHLAND, PA.
SE/4 CATAWISSA 15' QUADRANGLE
N4045-W7615/7.5
1953
AMS 5765 IV SE-SERIES V831